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25X1

FY-67 Quarterly Report No. 1

PAR 244
31 Aug 66

SUBJECT: Spare Parts for RT Processors

TASK/PROBLEM

1. Provide recommended spare parts for the RT-12 and RT-24 Processors.

DISCUSSION

2. Customer message 8078, dated 11 Aug 66, approved PAR 244. PAR 244 as approved consists of the spare parts listed in contractor's letter AL-45-800150- , dated 12 Oct 65, with the exception of:

a. 120-B-013,

b. 120-B-381, and

c. Spare parts for the RT-24 drum assembly.

PLANNED ACTIVITY

3. Procure, fabricate, and ship spare parts.

Declass Review by NGA.




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EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

ESTIMATE AO 65-636

ROM PRICE LIST OF RECOMMENDED SPARE PARTS FOR THE RT-12 AND RT-24 PROCESSORS

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RT-12 Processor; Recommended Spare Parts

| Quantity | Part No. | A.P.S. Part No. | Description |
|---|---|---|---|
| 25 | 120-B-013 | | Roll Assembly - 1" Diameter |
| 64 | 120-A-016 | 457459-A | Bearing |
| 20 | 120-B-022 | 457463-A | Gear - 3" Diameter Roll |
| 3 | 120-C-026 | | Subassembly - 3" Diameter Roll |
| 10 | 120-A-035 | | Gear |
| 2 | 120-A-036 | | Gear |
| 24 | 120-A-037 | 452252 | Bearing |
| 14 | 120-A-038 | 452354 | Bearing |
| 12 | 120-A-040 | 453721 | Bearing |
| 2 | 120-A-041 | | Gear |
| 1 | 120-B-047 | 453742 | Roll Assembly - .980" Diameter |
| 7 | 120-B-050 | 452929 | Special Screw |
| 1 | 120-B-051 | 453739 | Roll Assembly - .730" Diameter |
| 2 | 120-B-052 | 453452 | Roll Assembly - .730" Diameter |
| 3 | 120-B-054 | 453551 | Roll Assembly - .980" Diameter |
| 1 | 120-B-058 | 453738 | Roll Assembly - .730" Diameter |
| 1 | 120-A-059 | | Gear |
| 17 | 120-A-063 | 454418 | Bearing |
| 2 | 120-A-068 | | Bearing |
| 1 | 120-A-070 | | Gear |
| 2 | 120-A-073 | 452016 | Bearing |
| 1 | 120-B-089 | | Subassembly - 1" Diameter Roll |
| 1 | 120-B-090 | | Subassembly - Grooved Roll |
| 2 | 120-B-092 | | Gear |
| 1 | 120-B-095 | | Gear |
| 30 | 120-B-099 | 452016 | Special Nut |
| 1 | 120-B-100 | | Gear |
| 1 | 120-C-109 | | Master Roll |
| 2 | 120-C-110 | | Roll |
| 10 | 120-C-114 | 452023 | Drive Gear |
| 16 | 120-A-141 | 452270 | Bearing |
| 4 | 120-A-146 | 452284 | Bearing |
| 4 | 120-A-148 | 452289 | Bearing |
| 2 | 120-A-151 | | Bearing - Oilite #A-529 |
| 1 | 120-A-155 | 453607 | Gear |

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RT-12 Processor; Recommended Spare Parts (Cont'd)

| Quantity | Part No. | A.P.S. Part No. | Description |
|---|---|---|---|
| 1 | 120-A-157 | 453609 | Gear |
| 1 | 120-A-165 | 453620 | 1/4" P. Chain and Conn. Link |
| 1 | 120-A-166 | | 1/4" P. Chain and Conn. Link - Diamond #ASA 25 |
| 2 | 120-A-168 | | Bearing - Oilite #FF-620-7 |
| 1 | 120-B-173 | 453627 | Drive Pulley - Small |
| 1 | 120-C-183 | | Drive Gear |
| 1 | 120-C-184 | 454428 | Master Gear |
| 1 | 120-B-187 | | Drive Pulley |
| 18 | 120-C-188 | | Worm Gear |
| 6 | 120-A-706 | 453464 | Drive Pulley Assembly |
| 6 | 120-B-197 | 455616 | Roll Assembly - 1" Diameter |
| 4 | 120-B-217 | | Roll Assembly - 3" Diameter |
| 3 | 120-A-230 | | Bearing - Oilite #T-710-1 |
| 1 | 120-B-246 | 452148-C | Worm |
| 1 | 120-B-247 | 453528-A | Worm Gear |
| 1 | 120-A-264 | | Bearing |
| 2 | 120-A-265 | | Bearing - Oilite #AA-304-2 |
| 2 | 120-A-266 | | Bearing |
| 3 | 120-A-267 | | Bearing |
| 2 | 120-A-270 | | Spring |
| 30 | 120-A-296 | 452387 | Ball Bearing |
| 8 | 2-949-B-009 | | Ball Bearing |
| 2 | 120-A-708 | | Air Pressure Switch - United Electric #4693 |
| 4 | 120-A-295 | | Drive Belt - Brown Mfg. Co. #S-10 |
| 2 | 120-B-307 | | Subassembly Flanged Down-Path Roll |
| 10 | 120-B-308 | | Subassembly Plain Down-Path Roll |
| 2 | 120-B-312 | | Subassembly Flanged Up-Path Roll |
| 10 | 120-B-313 | | Subassembly Plain Up-Path Roll |
| 16 | 120-A-336 | 452112-C | Stud - Idler |
| 32 | 120-A-339 | 452113-A | Idler |
| 150 | 120-B-340 | 452548-A | Stud - Rack Rolls |
| 16 | 120-B-345 | | Screen - Rack |
| 32 | 120-B-380 | | Bearing |
| 56 | 120-B-381 | | Subassembly - 1" D. Rack Roll |

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RT-12 Processor; Recommended Spare Parts (Cont'd)

| Quantity | Part No. | A.P.S. Part No. | Description |
|---|---|---|---|
| 150 ft. | 120-A-396 | 457196 | Ladder Chain - Rack |
| 1 | 120-B-413 | | Subassembly Foam Covered Roll |
| 4 | 120-A-426 | 453460 | Gear |
| 4 | 120-A-428 | | Bearing |
| 8 | 120-A-429 | 452252 | Bearing |
| 2 | 120-A-431 | 452246 | Bearing |
| 1 | 120-A-437 | 452244 | Gear |
| 1 | 120-A-442 | 457484 | Bearing |
| 1 | 120-B-444 | | Subassembly - Deflector Roll |
| 1 | 120-B-448 | | Master Roll |
| 1 | 120-B-449 | | Subassembly - 1" Diameter Roll |
| 2 | 120-A-454 | | Drive Belt |
| 2 | 120-A-462 | | Bearing |
| 4 | 120-A-469 | | Bearing - Oilite #A-521-1 |
| 2 | 120-B-481 | | Roll |
| 2 | 120-A-510 | | Lamp - G.E. #30R-20 |
| 1 | 120-A-539 | | Fuse - 15 Amps - Bussman #NON-15 |
| 1 | 120-A-541 | | Fuse - 6 Amps - Bussman #NON-6 |
| 6 | 120-A-554 | | Bearing |
| 2 | 120-A-555 | | Gear |
| 1 | 120-A-556 | | Gear |
| 1 | 120-A-557 | | Gear |
| 1 | 120-A-560 | | Insert for Gear 120-A-561 |
| 1 | 120-A-561 | | Gear |
| 28 | 120-A-568 | | Lamp - G.E. #PH-111 |
| 1 | 120-A-643 | | Heater - Chromalox #CAB-611 |
| 1 | 120-A-644 | | Filter - Make-up Air-Owen-Corning Type "C" |
| 1 | 120-A-695 | | Bearing |
| 8 | 120-A-1244 | | Neon Lamp - G.E. #NE-51 |
| 3 | 120-A-1301 | | Fuse - 20 Amps - Bussman #NON-20 |
| 5 | 120-A-1303 | | Fuse - 10 Amps - Bussman #NON-10 |
| 1 | 120-A-1332 | | Filter - Blower-Mine Safety Appliances #A-958 |
| 1 | 120-A-1453 | | Resistor - Ohmite #0208 |

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ROM PROCESSORS

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RT-12 Processor; Recommended Spare Parts (Cont'd)

| Quantity | Part No. | A.P.S. Part No. | Description |
|---|---|---|---|
| 2 | 120-A-707 | | Pump Seal - Crane #9,QP1C1 |

RT-24 Processor; Recommended Spare Parts

| Quantity | Part No. | A.P.S. Part No. | Description |
|---|---|---|---|
| 30 | 120-B-010 | 457345 | Stud |
| 50 | 120-A-016 | 457459-A | Bearing |
| 182 | 120-A-018 | | Bearing |
| 20 | 120-B-022 | 457463-A | Gear |
| 14 | 120-A-035 | | Gear |
| 8 | 120-A-036 | | Gear |
| 24 | 120-A-037 | 452252 | Bearing |
| 14 | 120-A-038 | 452354 | Bearing |
| 12 | 120-A-040 | 453721 | Bearing |
| 5 | 120-A-041 | | Gear |
| 7 | 120-B-050 | 452929 | Special Screw |
| 2 | 120-A-059 | | Gear |
| 20 | 120-B-099 | 452016 | Special Nut |
| 25 | 120-C-114 | 452023 | Gear |
| 8 | 120-A-141 | 452270 | Bearing |
| 4 | 120-A-146 | 452284 | Bearing |
| 4 | 120-A-148 | 452289 | Bearing |
| 3 | 120-A-151 | | Bearing - Oilite #A-529 |
| 1 | 120-A-157 | 453609 | Gear |
| 2 | 120-A-168 | | Bearing - Oilite #FF-620-7 |
| 1 | 120-B-173 | 453627 | Drive Pulley |
| 1 | 120-B-187 | | Drive Pulley |
| 2 | 120-C-188 | | Worm Gear |
| 6 | 120-A-706 | 453464 | Drive Pulley Assembly |
| 3 | 120-A-230 | | Thrust Bearing - Oilite #T-710-1 |

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ROM PARTS LIST OF RECOMMENDED SPARE PARTS FOR THE RT-12 AND RT-24 PROCESSORS

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RT-24 Processor; Recommended Spare Parts (Cont'd)

| Quantity | Part No. | A.P.S. Part No. | Description |
|---|---|---|---|
| 1 | 120-B-246 | | Worm |
| 1 | 120-B-247 | 453528-A | Worm Gear |
| 2 | 120-A-264 | | Bearing - Oilite |
| 2 | 120-A-266 | | Bearing |
| 3 | 120-A-267 | | Bearing |
| 2 | 120-A-268 | | Bearing - Oilite #T-601 |
| 2 | 120-A-270 | | Spring |
| 2 | 120-A-708 | | Air Pressure Switch - United Electric #4693 |
| 30 | 120-A-296 | 452387 | Ball Bearing |
| 24 | 120-A-336 | 452112-C | Stud |
| 24 | 120-A-339 | 452113-A | Idler |
| 100 | 120-B-340 | 452548-A | Stud |
| 24 | 120-B-380 | | Bearing |
| 120 ft. | 120-A-396 | 457196 | Chain - Rack |
| 2 | 120-A-423 | 458055 | Friction Pin |
| 4 | 120-A-426 | 453460 | Spur Gear |
| 4 | 120-A-428 | | Bearing |
| 20 | 120-A-429 | 452252 | Bearing |
| 4 | 120-A-431 | 452246 | Bearing |
| 2 | 120-A-436 | 452947 | Spur Gear |
| 2 | 120-A-437 | 452244 | Spur Gear |
| 2 | 120-A-441 | 458057 | Bearing Retainer |
| 4 | 120-A-442 | 457484 | Bearing |
| 2 | 120-A-443 | 458056 | Spring |
| 6 | 120-B-1007 | | Roll Subassembly - .730" Diameter |
| 6 | 120-B-1009 | | Roll Subassembly - 1.000" Diameter |
| 1 | 120-B-1020 | | Subassembly Upper Pacer Roll |
| 20 | 120-B-1041 | | Subassembly - 1" Diameter Cluster Roll |
| 4 | 120-B-1043 | | Master Roll |
| 1 | 120-B-1049 | | Gear Gudgeon - Short |
| 2 | 120-B-1050 | | Gear |
| 1 | 120-B-1051 | | Subassembly - Lower Pacer Roll |

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ROM PRICE LIST OF RECOMMENDED SPARE PARTS FOR THE RT-12 AND RT-24 PROCESSORS

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RT-24 Processor; Recommended Spare Parts (Cont'd)

| Quantity | Part No. | A.P.S. Part No. | Description |
|---|---|---|---|
| 1 | 120-B-1052 | | Gear Gudgeon - Long |
| 2 | 120-C-1057 | | Subassembly - Master Roll |
| 20 ft. | 120-A-1058 | | 1/4" P. Chain and Conn. Links - Diamond #25 |
| 4 links | 120-A-1058 | | 1/4" P. Chain and Conn. Links - Diamond #25 |
| 1 | 1-120-D-1059 | | Rack Assembly and Turnaround |
| 1 | 120-A-1071 | | Drive Gear |
| 1 | 120-A-1072 | | Driven Gear |
| 12 | 120-B-1073 | 457209 | Screen - Rack |
| 112 | 120-B-1076 | | Subassembly - Rack Roll |
| 2 | 120-B-1085 | | Rack Subassembly - .980" Diameter |
| 2 | 120-B-1088 | | Roll Subassembly - .730" Diameter |
| 2 | 120-B-1089 | | Roll Subassembly - .730" Diameter |
| 5 | 120-B-1091 | | Roll Subassembly - .980" Diameter |
| 2 | 120-B-1113 | | Subassembly - Flanged Up-Path Roll |
| 2 | 120-B-1116 | | Subassembly - Flanged Down-Path Roll |
| 10 | 120-B-1117 | | Subassembly - Plain Up-Path Roll |
| 10 | 120-B-1118 | | Subassembly - Plain Down-Path Roll |
| 2 | 120-A-1142 | | Bearing |
| 2 | 120-A-1152 | | Sleeve - Deflector Roll |
| 2 | 120-A-1153 | | Sleeve - Rubber Covered Roll |
| 2 | 120-A-1155 | | Spur Gear |
| 2 | 120-A-1156 | | Spur Gear |
| 4 | 120-A-1157 | | Drive Belt - Garlock #15-227-5 |
| 2 | 120-B-1159 | | Subassembly - Foam Covered Roll |
| 4 | 120-B-1162 | | Subassembly - 1" Diameter Roll |
| 2 | 120-B-1164 | | Subassembly - 3" Diameter Roll |
| 1 | 120-A-1178 | | Clutch - General Electro-Mech. Corp. #PMC-325-1 |
| 1 | 120-A-1187 | | Timing Belt - Large - Dayton #4L490 |
| 2 | 120-A-1213 | | Bearing |
| 2 | 120-A-1244 | | Neon Lamp - G.E. #NE-51 |
| 12 | 120-A-1253 | | Bearing |
| 6 | 120-A-1301 | | Fuse - 20 Amps - Bussman #NON-20 |

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ROM PRICE LIST OF RECOMMENDED SPARE PARTS FOR THE RT-12 AND RT-24 PROCESSORS

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RT-24 Processor; Recommended Spare Parts (Cont'd)

| Quantity | Part No. | A.P.S. Part No. | Description |
|---|---|---|---|
| 3 | 120-A-1303 | | Fuse - 10 Amps - Bussman #NON-10 |
| 3 | 120-A-1304 | | Fuse - 30 Amps - Bussman #NON-30 |
| 4 | 120-A-1322 | | Drive Belt - BUNA-N #ARP-568-233 |
| 1 | 120-A-1324 | | Filter - Make-Up Air - Owens-Corning Type "C" |
| 2 | 120-A-1332 | | Filter - Blower - Mine Safety Appliances #A-9 |
| 2 | 120-A-1372 | | Bearing |
| 1 | 120-A-1376 | | Heater - Dryer - Chromalox #CAB-2511 |
| 1 | 120-C-1380 | | Master Roll |
| 6 | 120-B-1384 | | Bearing |
| 1 | 120-C-1388 | | Deflector Roll |
| 1 | 120-A-1453 | | Resistor - Ohmite #0208 |
| 1 | 120-A-707 | | Pump Seal - Crane #9,QP1C1 |

Subtc

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Subtotal ROM Price RT-12 and RT-24 Spare Parts

Engineering Support and Manufacturing Services

TOTAL ROM PRICE

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